

Inert Atmosphere Oven ▶▶

ETSP-TI series

ETSP-TI series are designed for protect parts from oxidation using any non-flammable gas such as Nitrogen, Argon or Carbon Dioxide.

Solved temperature variations, unbalanced air distribution inside the oven.

ETSP-TI series are manufactured according to the Total Quality procedures, in compliance with the ISO 9001 standard.

ETSP-TI series will help you to carry out repeatable, comparable tests.



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General Features

- Friendly,flexible, up-to date control and management systems.
- 304 stainless steel interior with carbon blower and plated hardware.
- Pressure gauge to indicate interior oven pressure.
- Horizontal air flow assures uniform thermal performance under all loading conditions.
- Adjustable flow rate: Purge inert flow rates (20~200 SCFH) / Maintain inert flow rates (10~100 SCFH)
- Allows easy servicing and upgrades.
- Water cooling unit is included for the cool down stage or for operating at lower temperatures.
- Computer control is available.
- Network connection of several chambers to a single "master" control unit allowing centralized supervision both in local and remote mode.

Technical Features

Temperature range	40°C ~ 350°C (changeable according to user's demand)
Temperature stability	less than $\pm 0.5^{\circ}\text{C}$
Temperature uniformity	less than $\pm 0.85\%$ of the set point
Heating rate	more than $6^{\circ}\text{C}/\text{min}$ (RT~300°C within 50 minutes)
airflow capacity	300CFM
Input Power Requirements	220V/ 380V, 50Hz/60Hz, 1PH/3PH